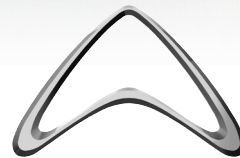


LA Series



Wharfedale
Pro

LA

WHARFEDALE PRO

WHARFEDALE PRO LA SERIES OF PROFESSIONAL

LA SERIES

The Wharfedale Pro LA -15 series is a 15-inch, high-efficiency, constant-directivity portable speaker system. The LA-15, two-way, full-range loudspeaker is designed to meet demanding professional applications requiring both sonic quality and integrity. The LA-15 is especially suited to high quality sound reinforcement applications where its power response and overall performance give exceptional results even in challenging acoustic spaces. Whether applied to a reverberant or "dry" club type acoustic environment the LA-15 integrates successfully with the room for superior sound quality with a minimum of equalization and tuning. The LA series is made up of four cabinets. The LA-15 is a passive full range cabinet and the LA-15SB is a passive bass cabinet. The LA-15P is a powered full range cabinet and the LA-15PB is a powered sub cabinet. The cabinets of the LA-15, LA-15SB, LA-15P and LA-15PB are made of High Density Polyethylene structural foam finished in black. This material gives a lightweight and very robust enclosure that will withstand the rigours of constant live work.

The Wharfedale Pro LA-15 series has been successfully applied to professional applications in venues as diverse and demanding as classical music and theatrical reinforcement, discotheque, night club, jazz club, places of worship and anywhere requiring high output with exceptional audio quality. The LA-15 series speakers feature a dynamic high frequency driver protection circuit which gives progressive-dynamic limiting for both short term peaks and long term overload conditions.

The sophisticated limiting function works progressively giving smooth sonic performance even when driven beyond the design limits of the system.

The shape of The LA-15 allows the cabinets to lock together in a trapezoid formation or allows the system to be used in a horizontal position as a floor monitor.

The LA-15SB features an internal passive x-over. This enables a signal to be fed into the LA-15SB where it is filtered and then taken to the full range LA-15. The LA-15 and LA-15SB will work with external powered x-overs. Where significant extension of low frequency output of your system is required, the addition of the LA-15 SUB (SB) will provide well balanced, high output enhancement and power to the overall system. The LA-15PB offers a powered solution with an electronically controlled band pass filter. The LA-15P features 2 power amps with an internal active crossover with dynamic high frequency driver protection circuit. This enables the cabinet to deliver optimum performance with all the processing controlled internally.



LA-15SB



LA-15



ANAL SOUND REINFORCEMENT LOUDSPEAKERS



LA-15P

Versatility is the key word with the Wharfedale LA-15 Series. The LA-15 Series can be used as the basis for a complete small to medium touring system and provide front of house sound and monitoring as well as a permanent install sound system. The Wharfedale LA-15 Series speakers are characterised by their exceptional fidelity in reproducing both simple and complex acoustic signals with superior intelligibility and integrity. The sonic quality is open and natural, generating a sound and image of exceptional quality.

LA-15



- **Strong construction of acoustically inert, high impact, 'GiG' tough acoustic resin**
- **Proprietary designed, high efficiency, high power Wharfedale Professional drive units.**
- **Protective grilles**
- **Sophisticated crossover design enables smooth power and frequency response control through crossover region.**
- **Integral High Frequency Driver Overload protection "PRO-TECH"™**
- **High frequency horn coverage can be changed for 60 x 40 or 40 x 60 degree coverage. Simply undo the four screws on the HF horn and rotate 90 degrees.**
- **Complex Trapezoid design for grouping of cabinets in array**
- **Integral Easy carry handles**
- **Integral tripod stand adaptor**
- **Powered versions available (LA-15P and LA-15PB only)**



LA-15P

LA SERIES - TECHNICAL SPECIFICATIONS				
MODEL	LA-15	LA-15SUB	LA-15P	LA-15PB
Type of Speaker	15" Two way full range	15" Sub	15" two way full range	15" Sub
HF drive unit	1" Diaphragm dynamic	--	1" Diaphragm dynamic	--
HF driver protection	Protection lamp	--	Protection lamp	--
Power Handling RMS/Music	250W continuous 500W Program	250W continuous 500W Program	250W continuous 500W Program	250W continuous 500W Program
Nominal Impedance	8Ω	8 Ω	8 Ω	8 Ω
Sensitivity	100dB	98dB	100dB	98dB
SPL (peak)	130dB	128dB	129dB	125dB
Frequency Response	45Hz-20kHz	30Hz- 150kHz	45Hz- 20kHz	30Hz- 150Hz
Power Amplifier	N/A	N/A	200W	200W
Crossover point	2.3kHz	150Hz	2.3kHz	150Hz
Weight	23.75 Kg / 52.3 lbs	26.5 Kg / 58.4 lbs	35 kg / 77.1 lbs	33.25kg / 73.3 lbs
Dispersion	60 x 40	N/A	60 x 40	N/A
Input connector	2 X Speakon™ & 2 x 1/4 Jack	2 X Speakon™ & 2 x 1/4 Jack	2 x XLR/1/4" jack combi	2 x XLR/1/4" jack combi
Dimensions (mm & ins) H x W x D	480 x 700 x 380mm 18.9" x 27.6" x 15"	480 x 700 x 380mm 18.9" x 27.6" x 15"	480 x 700 x 380 18.9" x 27.6" x 15"	480 x 700 x 380 18.9" x 27.6" x 15"

DISCOTHEQUES

RESTAURANTS

AIRPORTS

PUBLIC HOUSES

PLACES OF WORSHIP

SPORTS COMPLEXES

RETAIL PREMISES

RAILWAY STATIONS

SHOPPING CENTRES

HOTELS

Frequency LA-15P	Low Pass 2300 High Pass 2300	Frequency LA-15PB	Low Pass 100 Band Pass 30Hz-150Hz
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